

Form PTO-1449

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 APPLICATION NO.
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 APPLICANT
AZECHI, Syuuichi et al.

 FILING DATE
January 4, 2002

GROUP

 JC432 U.S. PTO
10/035213
01/04/02

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
MF	4,686,124	1987-08-11	Onohara et al.			
MF	4,814,231	1989-03-21	Onohara et al.			
MF	4,834,721	1989-05-30	Onohara et al.			
MF	5,989,704	1999-11-23	Hashimoto et al.			
MF	5,879,809	1999-03-09	Muramatsu et al.			
MF	5,536,803	1996-07-16	Fujiki et al.			
MF	5,405,896	1995-04-11	Fujiki et al.			
MF	4,582,762	1986-04-15	Onohara et al.			

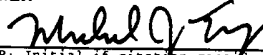
FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
MF	63-045292 B2	1988-09-08	JAPAN			ABS	
MF	63-183843 A	1988-07-29	JAPAN				
MF	0 276 790 B1	1994-06-29	EUROPE				
MF	9-165516 A	1997-06-24	JAPAN			ABS	
MF	9-165517 A	1997-06-24	JAPAN			ABS	
MF	6-172738 A	1994-06-21	JAPAN			ABS	
MF	8-53661 A	1996-02-27	JAPAN			ABS	
MF	2-34311 B2	1990-08-02	JAPAN				

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER



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